

**REMARKS**

In this Amendment, the specification has been amended for improved clarity, consistently with the language of the amended claims 1 and 11. The abstract similarly is amended for improved clarity consistently with the amendments to the specification and claims 1 and 11.

Further, claims 1 and 11 have been amended to more clearly satisfy the requirement of 35 USC 101. In particular, the claims now recite limitations of at least two of the types (the first and third types) listed the examiner on page 3 of the Action, namely steps that produce a useful, concrete and tangible result, by recitation of at least manipulation of data that represents a physical object or activity, and a practical application in the technological arts. The rejection under 35 USC 101 therefore is inapplicable to the amended claim.

Further, new claims 21 and 22, respectively depending from claims 11 and 1, add an additional step of printing on the medium. Another new claim 23, having the limitations of original claim 1 and further specifying a printing step, also has been added. The new claims specify an additional step that provides a post-solution, practical physical application (printing) of the determination of category of the unknown medium obtained in claimed prior steps. These claims therefore a further basis for a determination that the claims satisfy the requirement of 35 USC 101.


It therefore is submitted that this application is in condition for allowance and such a Notice, with allowed claims 1-23, earnestly is solicited.

Should the Examiner feel that a conference would help to expedite the prosecution of this application, the Examiner is hereby invited to contact the undersigned counsel to arrange for such an interview.

The amount of \$150.00 in payment of three additional claims in excess of 20 (3 x \$50.00) is attached by way of credit card form PTO-2038. Should the remittance be accidentally missing or insufficient, however, the Commissioner is hereby authorized to charge the fee to our Deposit Account No. 18-0002, and advise us accordingly.

Respectfully submitted,

April 23, 2007  
Date

  
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Steven M. Rabin – Reg. No. 29,102  
RABIN & BERDO, PC  
Customer No. 23995  
Facsimile: 202-408-0924  
Telephone: 202-371-8976

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